



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

**CRAIG A. MOLLER**

Application No. 10/621,145

Filed: July 16, 2003

Confirmation No. 1215

For: DIRECTIONAL COOLING SYSTEM FOR  
VACUUM HEAT TREATING FURNACE

: Docket No. 0013-P02239US2

: Art Unit 3742

: Examiner **SHAWNTINA T. FUQUA**

**Petition for Extension Under 37 CFR §1.136(a)**

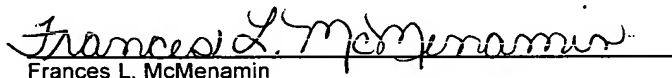
The undersigned hereby petitions for an extension of time of TWO month(s) beyond the time period set in the last office communication. The proper fee under 37 CFR §1.17 is enclosed.

  
CHRISTOPHER A. ROTHE

**Certificate of Mailing Under 37 CFR §1.8(a)**

I hereby certify that this Correspondence is being deposited on October 29, 2004 with the United States Postal Service as first-class mail in an envelope properly addressed to COMMISSIONER FOR PATENTS, Alexandria, Virginia 22313-1450.

October 29, 2004  
Date of Certificate

  
Frances L. McMenamin

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

We are enclosing the following:

- 1) Amendment;
- 2) Fee Transmittal for FY 2005;
- 3) Government Fees (non-small entity) excess claims fee (\$216); excess independent claims fee (\$528) and 2-months extension fee (\$430): check in the amount of \$1174.00; and
- 4) Postcard receipt.

**AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**


In the event the check is improper, or the fee calculation is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to the account of the undersigned attorneys, Account No. 04-1406. A duplicate copy of this sheet is enclosed.

11/03/2004 WASFAW1 00000011 10621145

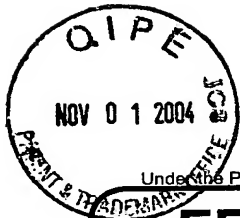
03 FC:1252

430.00 0P

DANN, DORFMAN, HERRELL AND SKILLMAN  
A Professional Corporation

By   
CHRISTOPHER A. ROTHE  
PTO Registration No. 54,650

Tel.: 215-563-4100  
Fax: 215-563-4044  
email: [crothe@ddhs.com](mailto:crothe@ddhs.com)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-04v2)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1174.00

## Complete if Known

Application Number	10/621,145
Filing Date	07/16/2003
First Named Inventor	CRAIG A. MOLLER
Examiner Name	SHAWNTINA T. FUQUA
Art Unit	3742
Attorney Docket No.	0013-P02239US2

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 04-1406  
Deposit Account Name: DannDorfmanHerrell&Skillm

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ )			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 67 - 55 Extra Claims = 12 x 18 = 216  
Independent Claims 9 - 3\*\* = 6 x 88 = 528  
Multiple Dependent ☐ = ☐

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 744.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	430
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 430.00

## SUBMITTED BY

Name (Print/Type) Christopher A. Rothe

Registration No. 54,650  
(Attorney/Agent)

(Complete if applicable)

Telephone 215-563-4100

Signature

*Christopher A. Rothe*

Date 10/29/2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.